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JC14 Rec'd PCT/PTO 20 MAY 2002

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Harry Holthofer

U. S. Application No.: 10/018,094

Filed: December 14, 2001

International Application No. PCT/FI00/00540

International Filing Date: 15 June 2000

For: USE OF SOLUBLE PROTEIN MOLECULES EXPRESSED
BY THE PANCREAS AND KIDNEY CLOMERULUS

Attorney Docket No.: 112958.120 US1

Assistant Commissioner of Patents
Washington, DC 20231

Transmittal Letter

Enclosed herewith for appropriate action by the US Patent Office are the following:

1. Response to Notification of Missing Requirements under 35 U.S.C. § 371 in the United States Designated/Elected Office
2. Declaration and Power of Attorney
3. Copy of Notification of Missing Requirement under 35 U.S.C. § 371 in the U.S. Designated/Elected Office
4. Second Preliminary Amendment
5. Substitute Sequence Listing in Written Form
6. Substitute Sequence Listing in Computer Readable Form

The Commissioner is authorized to charge any necessary fees or credit any overpayments to Deposit Account No. 08-0219 to maintain the pendency of the application.

Respectfully submitted,

Jason J. Schwartz
Registration No. 43,910

Date: May 20, 2002
HALE and DORR LLP
1455 Pennsylvania Avenue, NW
Washington, DC 20004
Phone: (202) 942-8400

Rec'd PCT/PTO

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**Response to Notification of Missing Requirements under
35 U.S.C. § 371 in the United States Designated/Elected Office**

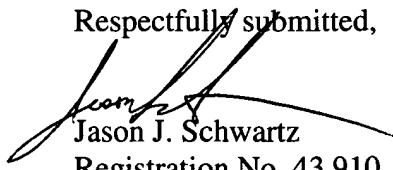
In response to the Notification of Missing Requirements under 35 U.S.C. § 371 in the United States Designated/Elected Office mailed March 19, 2002 (a copy of which is included herewith), Applicants submit herewith a Declaration Power of Attorney executed by the inventor. A substitute copy of the Sequence Listing in written and computer readable form, and a Second Preliminary Amendment are also included herewith.

The Commissioner is authorized to charge the fee of \$65.00 to Deposit Account No. 08-0219. The Commissioner is also authorized to charge any other necessary fees to maintain the pendency of the present application or to credit any overpayments to Deposit Account No. 08-0219.

Respectfully submitted,

05/23/2002 SNAJARRO 00000085 080219 10018094

01 FC:254 65.00 CH


Jason J. Schwartz
Registration No. 43,910

Date: May 20, 2002

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UNITED STATES PATENT AND TRADEMARK OFFICE

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Communications Section, Box PCT,
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/018,094	Harry Holthofer	112958.120US1

INTERNATIONAL APPLICATION NO.

PCT/FI00/00540

I.A. FILING DATE	PRIORITY DATE
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06/15/2000

06/15/1999

Henry N Wison
Hale and Dorr
The Willard Office Building
1455 Pennsylvania Avenue NW
Washington, DC 20004

CONFIRMATION NO. 5729

371 FORMALITIES LETTER



OC000000007656326

Date Mailed: 03/19/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Indication of Small Entity Status
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Preliminary Amendments
- Small Entity Statement

HALE AND DORR LLP Wash, DC

Base Date: _____

Call Up Date: 4/19/02Due Date: 5/19/02 *Missing Requirements*Final Date: 10/19/02Ext. _____ Dktd By WLB

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$65 Surcharge for providing the oath or declaration later than the appropriate 30 months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions

of 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
 - For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Late oath or declaration Surcharge.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 305-3736

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/018,094	PCT/FI00/00540	112958.120US1